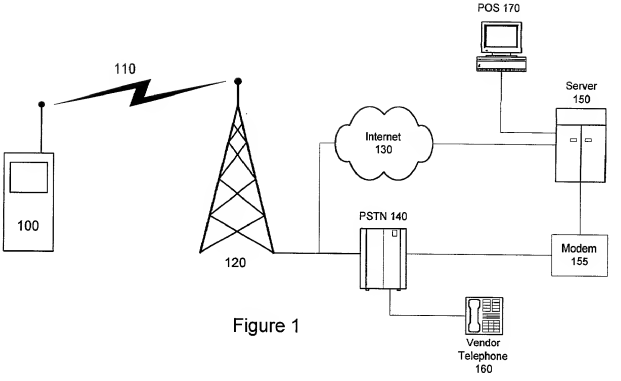
POS 170
110
Server
150
Internet
130
100
PSTN 140
Modem
155
120
Vendor
Telephone
160

Figure 1

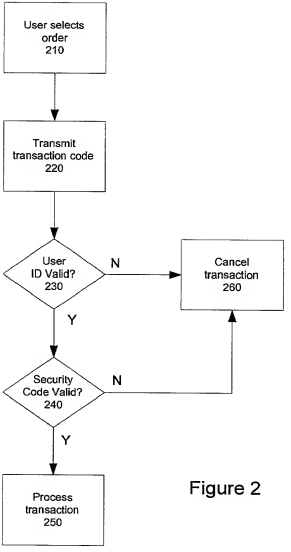
User selects order 210
Transmit transaction code 220
User ID Valid? 230
N
Cancel transaction 260
Y
Security Code Valid? 240
N
Y
Process transaction 250

Figure 2

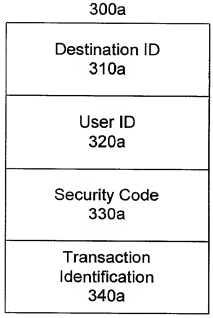

Figure 3a

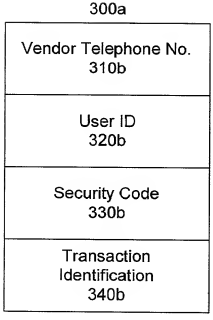

Figure 3b

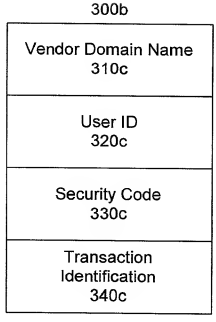

Figure 3c

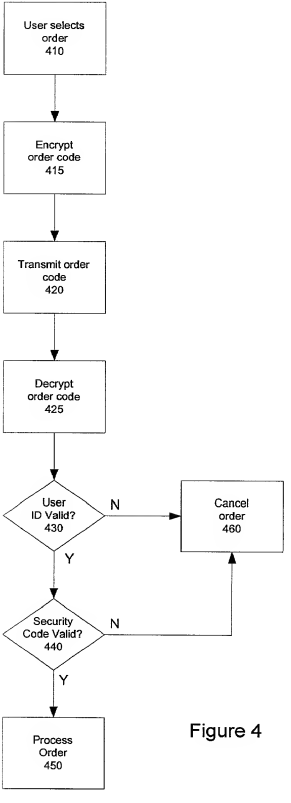
User selects order 410
Encrypt order code 415
Transmit order code 420
Decrypt order code 425
User ID Valid? 430
N
Cancel order 460
Y
Security Code Valid? 440
N
Y
Process Order 450

Figure 4

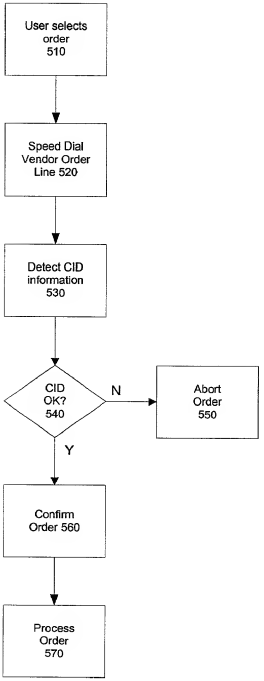
User selects order 510
Speed Dial Vendor Order Line 520
Detect CID information 530
CID OK? 540
N
Abort Order 550
Y
Confirm Order 560
Process Order 570

Figure 5

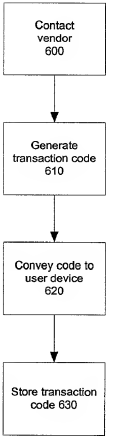
Contact vendor 600
Generate transaction code 610
Convey code to user device 620
Store transaction code 630

Figure 6

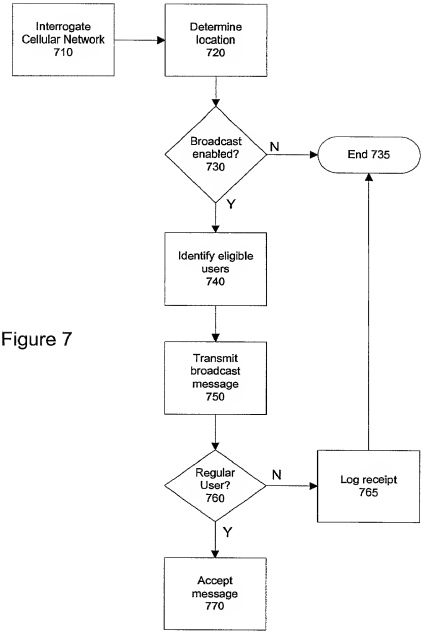
Interrogate Cellular Network 710
Determine location 720
Broadcast enabled? 730
N
End 735
Y
Identify eligible users 740
Transmit broadcast message 750
Regular User? 760
N
Log receipt 765
Y
Accept message 770

Figure 7

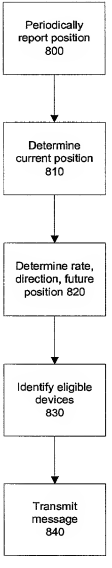
Periodically report position 800
Determine current position 810
Determine rate, direction, future position 820
Identify eligible devices 830
Transmit message 840

Figure 8